



PROJ. NAME: Fir Haven Shell

PROJ. NUMBER: 001032

DRILLER: Mitchell Drilling

DRILLING METHOD: HSA

SAMPLER TYPE: CA Mod. Sp. Spoon

LOGGED BY: A. Melody

LOCATION: Miranda, CA

TOC ELEVATION: 338.77 Feet (NAVD 1988)

DEPTH OF BORING/WELL: 50.0 / 50.0 Feet BGS

DEPTH TO FIRST WATER: ~ 40.0 Feet BGS

SCREEN INTERVAL: 35.0-50.0 Feet BGS

DATE: 11/12/04



ELEVATION (feet NAVD 88)	DEPTH (Feet BGS)	WATER LEVEL	SAMPLE				USCS	Lithology Pattern	SOIL DESCRIPTION	REMARKS	MONITORING WELL CONSTRUCTION
			OVA Reading (ppm)	Recovery (%)	BLOWS / 6"	DRILLING LABORATORY					
0									Grass cover	Hand auger 0-4.0 Feet BGS	Flushmount Christy Box Locking Cap Concrete
1									CLAY, sandy, fine, few gravel, fine to coarse, angular to subrounded, mottled light grey and reddish brown, soft, slightly moist		
2											
3											
335	4										
5			0	5				SC	SAND, fine, clayey, few gravel, fine, up to 3/4", rounded, damp, loose to medium dense, light brown		
6		0	0	7							
7			100	8							
8											
330	9										
10			0	6					Increase in clay, increase in red color, medium dense		Neat Cement
11		0	100	8							
12			100	14							
13											
325	14							CL	CLAY, with sand, fine, few gravel, fine to coarse, up to 1", subangular to rounded, stiff, damp, light brown, very plastic	Inferred Contact	
15			100	7							
16		0	100	11							2" SCH 40 PVC Blank
17			100	20							
18											
320	19							SC	SAND, fine, clayey, with gravel, fine, up to 3/4", subangular to rounded, dense, light brown, dry		
20			100	11							
21		0	100	19							
22			100	23							
23											
315	24							ML/CL	CLAY/SILT, trace gravel, fine to coarse, subangular to rounded, olive grey, damp, very stiff		
25			100	14							
26		0	100	19							
27			100	29							

The log and data presented are a simplification of actual conditions encountered at the time of drilling at the drilled location. Subsurface conditions may differ at other locations and with the passage of time.



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ELEVATION (feet NAVD 88)	DEPTH (Feet BGS)	SAMPLE					USCS	Lithology Pattern	SOIL DESCRIPTION	REMARKS	MONITORING WELL CONSTRUCTION
		WATER LEVEL	OVA Reading (ppm)	Recovery (%)	BLOWS / 6"	DRILLING LABORATORY					
28									CLAY/SILT, as above		Neat Cement
310	29										
	30			40	6						Bentonite Seal
	31	0		100	18						
	32			100	27						
	33										
305	34										
	35										
	36										#2/12 Monterey Sand
	37										
	38										
300	39										
	40	0		100	20		SC		SAND, fine, clayey, with silt, trace gravel, fine to coarse, subrounded to rounded, dark grey, damp with 1" thick zones of moist gravels, medium dense	DTW ~ 40 Feet BGS (11/13/04)	2" SCH 40 PVC Screen (0.010")
	41			100	50/6						
	42										
	43										
295	44										
	45			100	17				SANDSTONE, fine, poorly to moderately indurated, trace silt, no fragments of siltstone, damp to slightly moist, medium grey, dense		
	46			100	50/6						
	47										
	48										
290	49			100	50/6		SM		SAND, fine, with silt, trace gravel, fine to coarse, subangular to subrounded, dark grey, damp, medium dense		Threaded PVC Endcap
	50										
	51										
	52										
	53								Total depth of boring = 50.0 Feet BGS		
285	54										
	55										